

APR 28 2009

PATENT  
060230PCTUS

**Supplemental Amendment**

**Remarks**

This is intended to replace the "Amendment to the Specification" submitted on January 23, 2009

**Amendment to the Specification**

Please incorporate the following paragraphs from provisional application 60/620,154 filed October 19, 2004, which was incorporated by reference in the Subject Application. Please incorporate the paragraphs at page 25, line 14 of the Subject Application as follows:

**Stimulation of Stem Cell Self-Renewal Through p18 Suppression**

**Inventor: Tao Cheng**

**Background** – In April 2003, Dr. Tao Cheng disclosed a method of extending the self-renewal of murine hematopoietic stem cells by elimination of the CDK inhibitor p18. The technology was returned to him in October, and he personally filed a provisional patent based on a manuscript he had submitted for publication (it was published in Nature Cell Biology in May 2004). Dr. Cheng has now made a significant advance in this technology – he has achieved the same enhancement of self-renewal in *human* hematopoietic stem cells by transiently blocking p18 expression with siRNA. He is